TOBACCO INDUSTRY RESEARCH COMMITTEE
350 FIFTH AVENUE NEW YORK 1, N. Y.

#72 R1

6. Budget Plan

Application for Renewal of Research Grant

Application For Research Grant

Permanent Equipment
Overhead
Other

Date: To: April 2, 1956

1. Name of Investigator: **R. H. Rigdon, M. D.**

7. Anticipated Duration of Work: Two years

2. Title: **Professor of Pathology. Director, Laboratory of Experimental Pathology**

3. Institution & Address:
Laboratory of Experimental Pathology
University of Texas Medical Branch
Galveston, Texas

4. Project or Subject:

a. Study effect of methylcholanthrene on tissues of the duck.
b. Compare reaction in chicken and turkey.
c. Complete study of the effect of methylcholanthrene on trachea.
d. Culture tumor in yolk sac of developing chick embryos and on chorio-allantoic membrane of chicks.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):

The procedure for these studies will be similar to that used during the past several years. We wish to emphasize the problem of methylcholanthrene in the trachea of the duck. It is necessary to observe these birds over a period of twelve to eighteen months.

In view of the spontaneous regression of these experimentally induced tumors in fowl, attempts will be made to culture these tumors in the yolk sac and on the chorio-allantoic membranes. This latter technique has been developed by Dr. Taylor in Austin, Texas. It will be duplicated by us.

[illegible] should be cautious in considering what might occur in one tissue to another by a suspected carcinogen. As I see it, it is necessary to study the effect of the specific carcinogen in the specific tissue under consideration. The transferring of information from one specie to another is dangerous, in my opinion. The scientific demonstration of these points, I think would be important in any study of the etiology of cancer.

Signature ____________________
Director of Project

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Business Office of Institution

Source: https://www.industrydocuments.ucsf.edu/docs/gypl0000

6. Budget Plan:

Salaries	$ 2,800.00
Expendable Supplies	1,000.00
Permanent Equipment	500.00
Overhead	690.00
Other	300.00
Total	5,290.00

1. Name of Investigator:

R. H. Rigdon, M. D.

7. Anticipated Duration of Work:

2. Title:

Two years

Professor of Pathology. Director, Laboratory of Experimental Pathology

8. Facilities and Staff Available:

3. Institution & Address:

Laboratory of Experimental Pathology

University [illegible] Present staff adequate to carry on this problem

Galveston, Texas

4. Project or Subject:

a. [illegible] of methylcholanthrene on tissues of the duck.

b. [illegible] in chicks and turkeys.

9. Additional Requirements:

c. [illegible] of the effect of methylcholanthrene on trachea.

d. [illegible] None [illegible] of developing chick embryos and on [illegible] of chicks.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):

10. Additional Information (including relation of work to other projects and other sources of supply):

The procedure for these studies will be similar to that used during the [illegible]

The United States Public Health Service is continuing their assistance in these studies. We have an additional request to the United States Public Health Service to enable us to make some changes in our laboratory so that tumors may be cultured on the chick embryo.

[illegible] experimentally induced [illegible]

Our observations on the different response of different tissues in the duck to methylcholanthrene are important in the etiology of tumors. Different tissues respond differently to the same carcinogen. In view of this fact, one should be cautious in concluding what might occur in one tissue or another by a suspected carcinogen. As I see it, it is necessary to prove the effect of the specific carcinogen in the specific tissue under consideration. The transferring of information from one specie to another is dangerous, in my opinion. The scientific demonstration of these points, I think would be important in any study of the etiology of tumors.

Signature ______________________

Director of Project R. H. RIGDON

Business Officer of Institution D. WALKER